Amendments to the Claims:

1. (Currently Amended) A computer-implemented method of managing supplying of parts between a logistics provider and a manufacturer, comprising the steps:

automatically detecting usage of parts on a product line with at least one parts consumption detector, wherein the detection occurs at the time of part usage;

automatically triggering by a processor a part pull request signal as a function of the detected usage by the at least one parts consumption detector;

automatically translating the part pull request signal to a shipping order by the processor;

transmitting the shipping order over a public data network by the processor from the manufacturer to the logistics provider at a different geographic location than the manufacturer;

automatically generating a picking list, by the logistics provider, based on the part pull request signal and the shipping order; and

automatically generating delivery information to the manufacturer, by the logistics provider, based on the picking list.

2. (Original) The method of claim 1, wherein the public data network is the Internet.

3. (Original) The method of claim 2, wherein the shipping order and the delivery information are transmitted using extended markup language (XML).

4. (Original) The method of claim 3, wherein the forwarding of the shipping order from the manufacturer to the logistics provider is a peer-to-peer transmission.

5. (Original) The method of claim 1, wherein the manufacturer comprises multiple manufacturing sites, with at least two of the sites forwarding shipping orders and receiving delivery information.

6. (Original) The method of claim 1, further comprising inputting manually created demand data and automatically triggering a part pull request signal based on the manually created demand data.

7. (Original) The method of claim 1, further comprising automatically generating shortage information based on delivery information generated by the logistics provider and forwarded to the manufacturer.

8. (Original) The method of claim 7, further comprising automatically refreshing the shortage information on a periodic basis.

9. (Original) The method of claim 1, further comprising a third party interface configured to enable a third party distinct from the manufacturer to forward shipping orders to the logistics provider and receive delivery information.

10. (Cancelled).

11. (Currently amended) An integrated demand pull system network, comprising:

at least one manufacturing facility for producing products and consuming parts;

a parts consumption detector;

a processor coupled to the parts consumption detector, the processor configured to: automatically trigger a part pull request signal in response to consumption of parts as detected by the parts consumption detector; and automatically translate the part pull request signal to a shipping order, wherein the detection occurs at the time of part consumption; and

a public data network interface coupled to the processor and configured to forward the shipping order via the public data network to a logistics provider, and to receive delivery information from the logistics provider that is responsive to the shipping order.

12. (Original) The network of claim 11, wherein the processor is coupled to computer program media, the processor being configured by a computer program stored in the computer program media.

13. (Original) The network of claim 12, wherein the public data network is the Internet.

14. (Original) The network of claim 13, wherein a plurality of manufacturing facilities are coupled together by an intranet, with at least two of the manufacturing facilities each having at least one parts consumption detector coupled to the processor through the intranet.

15. (Original) The network of claim 14, further comprising a manual entry interface coupled to the processor and configured to accept manually created demand data, the processor being further configured to automatically trigger a pull part request signal as a function of the manually created demand data.

16. (Original) The network of claim 15, further comprising a third party interface coupled to the public data network and configured to forward shipping orders via the Internet to the logistics provider.

17. (Original) The network of claim 11, further comprising the logistics provider coupled to the public data network and having a warehouse management system configured to receive the shipping order and automatically generate a picking list based on the shipping order.

18. (Original) The network of claim 17, wherein the warehouse management system is further configured to generate the delivery information based on the generated picking list.

19. (Original) The network of claim 18, wherein the warehouse management system is further configured to generate shortage information and provide the shortage information to the processor via the public data network on a periodic basis.

20. (Currently amended) A system for supplying parts to a manufacturing facility from a geographically distinct logistics provider, comprising:

a consumable parts usage detection system that automatically detects the usage of consumable parts and generates usage signals that indicate a quantity of consumable parts used at the manufacturing facility, wherein the detection occurs at the time of part usage; and

means responsive to the usage signals for automatically interfacing the manufacturing facility with the logistics provider over a public data network to cause the logistics provider to replenish the consumable parts at the manufacturing facility and to provide delivery and shortage information to the manufacturing facility over the public data network.